

## 6300 PC XT Keyboard Adapter

**Caution:** The integrated circuit (IC) that you will be handling is electro static discharge (ESD) sensitive and must be handled with care. Touching the case of the computer regularly during the installation of this kit is recommended to insure that you do not damage the IC being installed.

### Installation Instructions

1. Park the hard disk heads and turn the power off.
2. Turn the computer on its top. Loosen the two screws on the bottom cover (they will not come out all of the way). Slide the cover forward a half inch and lift it off the machine. You will now see the motherboard.
3. Remove the keyboard controller IC. See figure 1 for the location of this IC. On some older computers, this may be a daughter board. On these computers, remove that daughter board. Removal of the IC should be done with an IC puller. If one is not available, a small screw driver may be used, lifting each end a little at a time until the IC comes out. We recommend saving this IC in case you ever want to go back to the AT&T keyboard. It should be saved in the black foam that the replacement IC comes in. Mark the chip so you can replace it correctly without damaging the machine or chip.
4. Replace this keyboard controller IC with the one that comes in this kit, ensuring that the end with the yellow dot is closest to the edge of the computer. See figure 1. Plugging this IC in backwards will destroy it.
5. Unscrew the 6300 keyboard connector from the back of the computer and remove the keyboard. Plug the adapter cable that comes with this kit into the connector at the back of the computer and tighten the screws. Plug the new keyboard connector into the adapter cable.
6. Many keyboards will be both XT and AT compatible. Many of these will have a switch to set them to XT or AT. Insure that this switch, if available on the keyboard, is set to XT compatible mode.
7. There is a jumper included with the kit. Some keyboards will require the jumper on jumper F to operate. Please see figure 2 for the location of this jumper. Try running the computer to determine which configuration your keyboard requires. *DONE*
8. Replace the bottom cover by reversing operation 2. Turn the computer back to its normal orientation.
9. Turn the computer on and check for keyboard operation. If it does not work, check the following:
  - a. All cable connections tight.
  - b. All pins of the keyboard interface IC are in the socket.
  - c. The keyboard is an XT or XT compatible keyboard or if both AT and XT is setup for XT mode.

**Warranty:** There is a 1 year warranty on materials and workmanship. This warranty does not cover accidental damage, misuse, misapplication or damage resulting from installation, modification or service. Our liability is limited to the purchase price of the product.

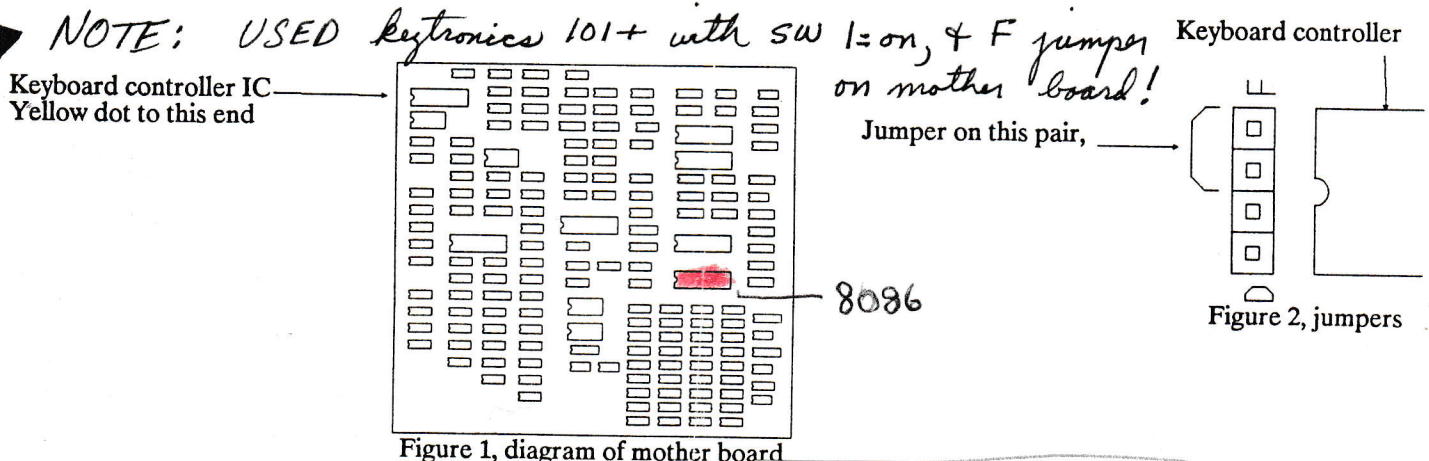
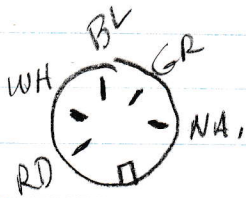


Figure 1, diagram of mother board

Keyboards known to work include amongst others: Samsung, Chiconey, Suntouch and Keytronics KB101+ & FT16

# KEY BOARD ADAPTER FOR AT&T 6300



WIRE COLORS